

REMARKS

In the above-mentioned Final Office Action, all of the pending claims, claims 1-20, were finally rejected. Claims 1-4, 11-17, and 20 were rejected under Section 103(a) over *Fouche*. And, claims 5-10, 18, and 19 were rejected under Section 103(a) over the combination of *Fouche* and *Tateishi*.

In response to the rejection of the claims, independent claims 1, 14 and 20 have been amended, as set forth herein, in manners believed better to distinguish the invention of the present application over the cited references, taken alone or in combination.

Support for the amendments is found, for instance, on page 9, line 21 – page 10, line 4, page 12, lines 10-14, and page 12, lines 21-30.

With respect to claim 1, the claim has been amended to recite that the non-desired component indicia detector is configured to detect indicia of the non-desired component transmitted upon the other-than-desired receive band of the second frequencies. The second frequencies are recited to be dissimilar to the first frequencies. And, the receive signal sampler has been amended, now to recite that the signal samples formed thereat are free of the non-desired component transmitted upon the other-than-desired receive band of the second frequencies. Claims 14 and 20 have been analogously amended. Claim 2 has been amended responsive to amendments made to its parent claim.

Review of *Fouche*, the primary reference, indicates that the reference fails to disclose of the non-desired component indicia and the received signal sampler, recited as now-amended, or the method operations recited in claim 14, as now-amended.

Fouche appears to be directed toward correcting for reception of multiple samples of the same signal to avoid phase detection of multiple samples of the same signal, when detection of the phase of a single signal sample is intended. In contrast, the recited invention, as now-amended, pertains to recovery of a desired component of a receive signal transmitted on a band of first frequencies when a receive signal includes, potentially, a non-desired component transmitted upon a band of second frequencies. To the extent that the Examiner asserts commonality of structure, or methodology, such assertion is respectfully traversed.

While Figure 6 of *Fouche* discloses points 197 at which a signal is canceled. Measurement performed at this point is used to measure a single sample 194 rather than multiple numbers of the same sample. This operation is different than that disclosed and claimed in the present invention. The apparatus recited in claim 1 and its corresponding method recited in claim 14 make detection and sampling to form signal samples that are free of a non-desired component transmitted upon a receive band of second frequencies that are dissimilar to the desired receive band of the first frequencies.

Tateishi, cited merely for showing a digitizer positioned in line with a filter element, also fails to disclose such structure, or corresponding method. Therefore, also, no combination of

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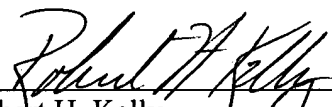
Fouche and *Tateishi* can be created to form the invention, as now recited in the independent claims.

As the dependent claims include all of the limitations of their respective parent claims, these claims are believed to be distinguishable over the cited references, taken alone or in combination, for the same reasons as those given with respect to their parent claim.

In light of the foregoing, therefore, independent claims 1, 14 and 20, as now amended, and the dependent claims dependent thereon, are believed to be in condition for allowance. Accordingly, reexamination and reconsideration for allowance of these claims is respectfully requested. Such early action is earnestly solicited.

Respectfully submitted,

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